

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010823**Date Inspected:** 14-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

TRAIL ASSEMBLY

FCAW welding of weld joint 3G-039 located on PCMK SP362-001 of 6BE+6CE welder is identified as 220069. ZPMC QC is identified as Mr.Wang li yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

FCAW welding of weld joint 3G-046 located on PCMK SP308-001 of 6BE+6CE welder is identified as 220069. ZPMC QC is identified as Mr.Wang li yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

On going SMAW repair welding of weld joint 3G-038 located on PCMK CA030 of 6CE welder is identified as 044779.ZPMC QC is identified as Mr.Zhang qiang. The welding variables recorded by QC appeared to Comply with the WPS-345+485-SMAW-3G (3F)-repair and B-WR8987.

Final Bolting installation and verification of catwalk railing and grating of following segments and crossbeam carried out with ZPMC QC Mr.Hu mei gang.

Catwalk rail and grating under FL3- Lift 3, Lift 4, Lift 2 (east). Accepted.

WELDING INSPECTION REPORT

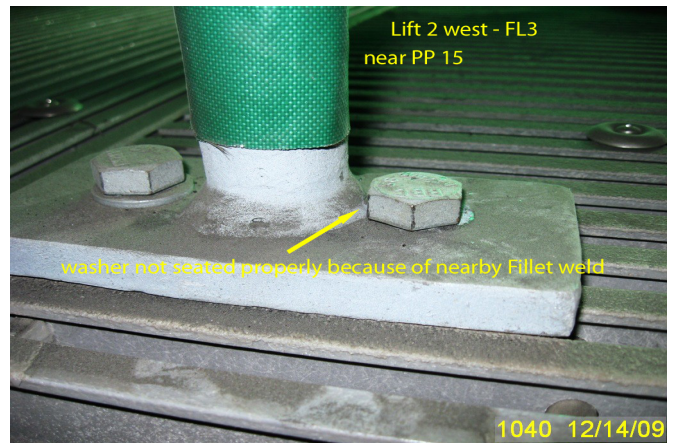
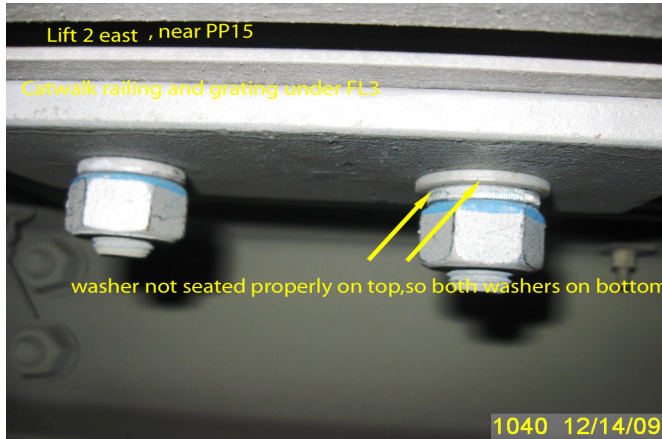
(Continued Page 2 of 2)

Catwalk rail and grating under FL3 -Lift 2 (west) – Washer on top side is not seated properly because of nearby fillet weld, so that both washers put on bottom side . ZPMC QA Mr.Laytao present. Informed to CT Mr.Mark miller for further action.

Catwalk rail and grating- CB1,CB2-Fiber glass grating damaged.

Catwalk rail and grating-CB3.Accepted.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: Patterson,Rodney

QA Reviewer